

Receipt date: 09/27/2006

10/594385-GAU-1795

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

10/594385-GAU-1795  
10/594385

|  |        |                               |              |
|--|--------|-------------------------------|--------------|
| Substitute for form 1449B/PTO                        |        | <b>Complete if Known</b>      |              |
| <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> |        | <b>Application Number</b>     | Unassigned   |
| Date Submitted: September 27, 2006                   |        | <b>Filing Date</b>            | 09/27/2006   |
| (use as many sheets as necessary)                    |        | <b>First Named Inventor</b>   | Atsushi OHMA |
|  |        | <b>Group Art Unit</b>         | Unassigned   |
|  |        | <b>Examiner Name</b>          | Unassigned   |
|  |        | <b>Attorney Docket Number</b> | 040356-0596  |
| <b>Sheet</b>   | 1 of 1 |                               |              |

| U.S. PATENT DOCUMENTS |                       |                      |                                   |   |   |
|-----------------------|-----------------------|----------------------|-----------------------------------|---|---|
| Examiner Initials*    | Cite No. <sup>1</sup> | U.S. Patent Document |                                   | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document<br>MM-DD-YYYY |
|                       |                       | Number               | Kind Code <sup>2</sup> (if known) |   |   |
|                       | A1                    | 5,871,860            |                                   | FROST ET AL.                                    | 02-16-1999  |
|                       | A2                    | 2002/0146615         | A1                                | YAMAURA ET AL.                                  | 10-10-2002  |
|                       | A3                    | 2002/0192533         | A1                                | GEBHARDT ET AL.                                 | 12-19-2002  |
|                       | A4                    | 4,851,377            |                                   | BREAULT   | 07-25-1989  |
|                       |                       |                      |                                   |   |   |
|                       |                       |                      |                                   |   |   |

| FOREIGN PATENT DOCUMENTS |                       |                         |                     |  |   |
|--------------------------|-----------------------|-------------------------|---------------------|--|---|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document |                     | Name of Patentee or Applicant of Cited Documents | Date of Publication of Cited Document<br>MM-DD-YYYY |
|                          |                       | Office <sup>3</sup>     | Number <sup>4</sup> |  |   |
|                          | A5                    | JP                      | 2003-168443         | ASAHI GLASS CO., LTD.                            | 06-13-2003  |
|                          | A6                    | EP                      | 1 176 654           | TOYOTA JIDOSHA KABUSHIKI KAISHA                  | 01-30-2002  |
|                          |                       |                         |                     |  |   |
|                          |                       |                         |                     |  |   |
|                          |                       |                         |                     |  |   |

| NON PATENT LITERATURE DOCUMENTS |                       |  |  |  |
|---------------------------------|-----------------------|--|--|--|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. |  |  |
|                                 |                       |  |  |  |
|                                 |                       |  |  |  |
|                                 |                       |  |  |  |
|                                 |                       |  |  |  |
|                                 |                       |  |  |  |
|                                 |                       |  |  |  |

|                           |               |                        |            |
|---------------------------|---------------|------------------------|------------|
| <b>Examiner Signature</b> | /Ashley Kwon/ | <b>Date Considered</b> | 03/30/2010 |
|---------------------------|---------------|------------------------|------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.K./